

## **LUKE M. SNELL, P.E. FACI, FASCE**

### **EDUCATION:**

- B.S.C.E., 1969: M.S.C.E. 1970, University of Oklahoma:
- Advanced Graduate Studies in Construction Materials, WVU, 1972 – 1974
- Registered Professional Engineer – Arizona, Illinois and Missouri

### **PROFESSIONAL EXPERIENCE:**

2010- Present, Senior Materials Engineer, Western Technologies. Phoenix AZ

2008- 2010, Eminent Scholar, Del E. Webb School of Construction, Arizona State University (ASU)

2006 – 2008, Director of the Concrete Industry Management, Del E. Webb School of Construction, Arizona State University (ASU)

2000 – 2006, Professor of Construction and Director of Concrete Construction Resource Unit (SIUE)

1979 – 2000, Professor and Chair of Construction, Southern Illinois University Edwardsville (SIUE)

### **ACI PUBLICATIONS**

“How ACI Certification Program Got its Start,” Concrete International, October, 2005

“Estimating Fresh Concrete Temperatures”, Concrete International, June, 2006 • “Acceptance of  
“Concrete Test Results”, Concrete Knowledge Center, ACI Website, 2007

“Mixing Certification with Higher Education”, Concrete International, November, 2008

“A Model for Establishing ACI Chapters in Developing Countries”, Concrete International, April, 2010

“The Concrete Test Report”, Concrete International, December, 2010

“ Why the Special Inspection Program is Special”, Concrete International, June , 2011

### **Other Resent Publications/Presentations**

“Non Destructive Testing of Concrete, Structural Engineers of Arizona, Tucson, January 2011

“Concrete and Constructions Basics” Laborer’s Union, Edwardsville, IL, February 2011

“Low Strength Concrete Problems”, National Ready Mixed Concrete, Little Rock AR and Columbus, OH, April and May, 2011

Special Inspector Class and Certification, Phoenix, AZ , New Orleans , LA, Salt Lake City, UT and Riyadh, Saudi Arabia , 2011

## **Synergistic Activities**

Extensive consulting work on construction and concrete projects

Written over 225 articles on concrete, construction and construction education

Invited lecturer to over 500 groups on concrete and construction-related topics

Activities with American Concrete Institute (ACI)

- Chair – International Committee
- Member – Construction Liaison Committee
- Past Chair – Chapter Activities Committee
- Past Chair – Education Activities Committee
- Past Chair – E702 Design Concrete Structures
- Past Chair – 517 Accelerated Curing of Concrete
- Past Member – Board of Direction
- Past Member – Financial Activities Committee

## **AWARDS RECEIVED**

- Fellow – American Concrete Institute (FACI), 1994 and Fellow American Society of Civil Engineers (FASCE), 1994
- Joe W. Kelly Award (for innovative teaching of concrete) – ACI, 1995
- Educators Make A Difference Award, Kappa Delta Pi (an International Honors Society in Education), 1997
- Professional Engineer in Education, Missouri Society of Professional Engineers, 1997
- Chapter Activities Award, ACI, 1997
- Great Teacher of the Year Award, SIUE's Alumni Association, 1997
- "Concrete Person of the Year", Missouri Chapter of ACI, 1999
- Education Committee Member of the Year, ACI, 2002
- Honorary Professor, Mongolian University of Science and Technology, 2005
- "Award of Honor," Concrete Council of St. Louis, 2006 • "10 Most Influential People of the Year in the Concrete Industry" Concrete Construction and Concrete Producer, 2007
- "Construction Laureate of Mongolia", 2007
- Henry L. Kennedy Award (for contributions to ACI Educational, Certification, Chapters and International Programs) 2008

## **Other Affiliations**

Assisted Engineers and Contractors in Mongolia, Algeria to and Ethiopia to start their own ACI Chapters:

Featured speaker at the 2002 – 2007, 2009 Mongolian Concrete Conferences

Instructor at the Engineering Management Seminar in Algeria, Responsible for 1 day instruction on Construction Management, 2004